

## Reforestation Needs Beginning FY 2010

# FACTS Web Reports

## Reforestation & TSI Report

**Region: 01 - Northern , Admin Forest: ALL - ALL , District: ALL - ALL**

### ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

Date Of Report: November 2, 2009, 8:54 am EST

List of Reforestation Needs for Start of FY 2009 by Region, Forest, Productivity Class  
from FACTS Table: FACTS06\_NEEDS\_BY\_STATE:

Counter	Region	Forest	Prod 0-49	Prod 50-84	Prod 85-119	Prod 120+	Prod None	Total
1	01	02	7536	1779	11	57	0	9383
2	01	03	486	38234	8	921	0	39649
3	01	04	85	491	545	340	0	1461
4	01	05	1700	5880	4846	51	0	12477
5	01	08	28963	1500	77	0	0	30540
6	01	10	804	14528	5248	1781	0	22361
7	01	11	219	953	0	0	0	1172
8	01	12	4305	1781	173	0	0	6259
9	01	14	48	1216	274	52	0	1590
10	01	15	35	7	13	0	0	55
11	01	16	7120	1	7425	1	0	14547
12	01	17	726	327	1800	173	0	3026

Total number of records processed = 7952 for Table 2

**RUN DATE:** 2009-11-02 08:54:16

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

**TABLE 2 - REFORESTATION NEEDS (BY FOREST)**

Region: **01 - Northern** , Forest: **ALL - ALL** , District: **ALL - ALL**  
ACRES BY CUBIC FOOT PRODUCTIVITY CLASS  
Activities Accomplished in FY 2009

*Note: The Needs Reports (Tables 1-4) from this website are the "Official" reports for year-end accomplishment reporting for FY 2008. They supersede the Tables 1-4 Reports in the CDW.*

*Last date to enter data for FY 2009 is October 31, 2009.*

**Based on New Needs Protocol**

NATIONAL FOREST	0-49	50-84	85-119	120+	TOTAL ACRES	Missing Prod*
Forest Total: 02 Beaverhead/Deerlodge	0-49	50-84	85-119	120+	TOTAL ACRES	Missing Prod*
1. Reforestation Needs At End Of 2008	7,536.0	1,779.0	11.0	57.0	9,383.0	
2. Reforestation Treatments in FY 2009	512.0	188.0			700.0	
3. Reforestation Needs by Causal Agent:						
Harvest	1,030.0				1,030.0	
Fire	1,029.0	860.0			1,889.0	
Insect or disease						
Weather event						
Failure						
Other	172.0	41.0		57.0	270.0	
<b>4. Current Reforestation Needs:</b>	<b>2,231.0</b>	<b>901.0</b>		<b>57.0</b>	<b>3,189.0</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 03 Bitterroot N.F.</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	486.0	38,234.0	8.0	921.0	39,649.0	
2. Reforestation Treatments in FY 2009	244.0	2,830.0	396.0	176.0	3,646.0	
3. Reforestation Needs by Causal Agent:						
Harvest	81.0	579.4	108.0		768.4	
Fire	6,645.9	29,567.6	3,864.0	633.0	40,710.5	
Insect or disease	9.5	27.0			36.5	
Weather event		9.0			9.0	
Failure		27.0			27.0	
Other	168.0	273.0	145.0	105.0	691.0	
<b>4. Current Reforestation Needs:</b>	<b>6,904.4</b>	<b>30,483.0</b>	<b>4,117.0</b>	<b>738.0</b>	<b>42,242.4</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 04 Idaho Panhandle</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	85.0	491.0	545.0	340.0	1,461.0	
2. Reforestation Treatments in FY 2009		616.0	1,727.5	253.0	2,596.5	
3. Reforestation Needs by Causal Agent:						
Harvest		362.0	275.5	186.0	823.5	
Fire		45.0	484.4		529.4	
Insect or disease						
Weather event						
Failure		144.0	255.0	38.0	437.0	
Other		52.0	156.0	20.0	228.0	
<b>4. Current Reforestation Needs:</b>		<b>603.0</b>	<b>1,170.9</b>	<b>244.0</b>	<b>2,017.9</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 05 Clearwater</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	1,700.0	5,880.0	4,846.0	51.0	12,477.0	
2. Reforestation Treatments in FY 2009	425.0	1,091.0	1,395.0	488.0	3,399.0	
3. Reforestation Needs by Causal Agent:						
Harvest	87.0	60.0	41.0	824.0	1,012.0	
Fire	712.0	3,396.0	3,649.0	235.0	7,992.0	
Insect or disease						
Weather event						
Failure						
Other		38.0	15.0	94.0	147.0	
<b>4. Current Reforestation Needs:</b>	<b>799.0</b>	<b>3,494.0</b>	<b>3,705.0</b>	<b>1,153.0</b>	<b>9,151.0</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 08 Custer</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	28,963.0	1,500.0	77.0		30,540.0	
2. Reforestation Treatments in FY 2009	3,020.0				3,020.0	
3. Reforestation Needs by Causal Agent:						
Harvest	1,937.0	126.0			2,063.0	
Fire	18,899.0	712.0	10.0		19,621.0	
Insect or disease						
Weather event						
Failure						
Other	11,332.0	263.0			11,595.0	
<b>4. Current Reforestation Needs:</b>	<b>32,168.0</b>	<b>1,101.0</b>	<b>10.0</b>		<b>33,279.0</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 10 Flathead</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	804.0	14,528.0	5,248.0	1,781.0	22,361.0	
2. Reforestation Treatments in FY 2009	1,455.0	6,571.0	7,577.0	1,394.0	16,997.0	
3. Reforestation Needs by Causal Agent:						
Harvest	117.0	1,767.0	560.0		2,444.0	
Fire	407.0	8,505.0	4,649.0	1,265.0	14,826.0	
Insect or disease			264.0		264.0	
Weather event		3.0	46.0		49.0	
Failure		4.0			4.0	
Other	5.0	55.0	126.0	103.0	289.0	
<b>4. Current Reforestation Needs:</b>	<b>529.0</b>	<b>10,334.0</b>	<b>5,645.0</b>	<b>1,368.0</b>	<b>17,876.0</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 11 Gallatin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	219.0	953.0			1,172.0	
2. Reforestation Treatments in FY 2009	3,316.0	474.0			3,790.0	
3. Reforestation Needs by Causal Agent:						
Harvest	53.0	122.0			175.0	
Fire		383.0			383.0	
Insect or disease						
Weather event						
Failure						
Other						
<b>4. Current Reforestation Needs:</b>	<b>53.0</b>	<b>505.0</b>			<b>558.0</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 12 Helena</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	4,305.0	1,781.0	173.0		6,259.0	
2. Reforestation Treatments in FY 2009	284.0	834.0	3.0		1,121.0	
3. Reforestation Needs by Causal Agent:						
Harvest	191.0	55.0			246.0	
Fire	1,752.0	2,357.0	187.0		4,296.0	
Insect or disease		53.0			53.0	
Weather event						
Failure	151.0	161.0			312.0	
Other	21.0				21.0	
<b>4. Current Reforestation Needs:</b>	<b>2,115.0</b>	<b>2,626.0</b>	<b>187.0</b>		<b>4,928.0</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 14 Kootenai</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	48.0	1,216.0	274.0	52.0	1,590.0	
2. Reforestation Treatments in FY 2009	41.0	523.0	387.0	72.0	1,023.0	
3. Reforestation Needs by Causal Agent:						
Harvest	57.0	968.0	499.0	101.0	1,625.0	
Fire		2,509.0	1,162.0		3,671.0	
Insect or disease						
Weather event						
Failure		160.0	4.0	14.0	178.0	
Other		312.0	18.0	42.0	372.0	
<b>4. Current Reforestation Needs:</b>	<b>57.0</b>	<b>3,949.0</b>	<b>1,683.0</b>	<b>157.0</b>	<b>5,846.0</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 15 Lewis And Clark</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	35.0	7.0	13.0		55.0	
2. Reforestation Treatments in FY 2009	67.0	37.0	18.0		122.0	
3. Reforestation Needs by Causal Agent:						
Harvest	11.0	4.0	17.9		32.9	
Fire			65.0		65.0	
Insect or disease						
Weather event						
Failure						
Other						
<b>4. Current Reforestation Needs:</b>	<b>11.0</b>	<b>4.0</b>	<b>82.9</b>		<b>97.9</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 16 Lolo</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	7,120.0	1.0	7,425.0	1.0	14,547.0	
2. Reforestation Treatments in FY 2009	334.0	2,809.0	635.0	825.0	4,603.0	
3. Reforestation Needs by Causal Agent:						
Harvest	207.0	2,236.0	423.0	7.0	2,873.0	
Fire	7,766.0	6,362.0	1,155.0	13,138.0	28,421.0	
Insect or disease		180.0	21.0		201.0	
Weather event						
Failure						
Other	43.0	98.0	102.0		243.0	
<b>4. Current Reforestation Needs:</b>	<b>8,016.0</b>	<b>8,876.0</b>	<b>1,701.0</b>	<b>13,145.0</b>	<b>31,738.0</b>	
<b>Missing Causal Agent*</b>						

<b>Forest Total: 17 Nez Perce</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	726.0	327.0	1,800.0	173.0	3,026.0	
2. Reforestation Treatments in FY 2009	46.0	255.0	1,364.0	57.0	1,722.0	
3. Reforestation Needs by Causal Agent:						
Harvest	70.0	409.0	1,187.0	441.0	2,107.0	
Fire		13.0	31.0	9.0	53.0	
Insect or disease			2.0		2.0	
Weather event			31.0		31.0	
Failure						
Other		48.0	242.0	11.0	301.0	
<b>4. Current Reforestation Needs:</b>	<b>70.0</b>	<b>470.0</b>	<b>1,493.0</b>	<b>461.0</b>	<b>2,494.0</b>	
<b>Missing Causal Agent*</b>						

<b>Grand Total: Grand Total</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>TOTAL ACRES</b>	<b>Missing Prod*</b>
1. Reforestation Needs At End Of 2008	52,027.0	66,697.0	20,420.0	3,376.0	142,520.0	
2. Reforestation Treatments in FY 2009	9,744.0	16,228.0	13,502.5	3,265.0	42,739.5	
3. Reforestation Needs by Causal Agent:						
Harvest	3,841.0	6,688.4	3,111.4	1,559.0	15,199.8	
Fire	37,210.9	54,709.6	15,256.4	15,280.0	122,456.9	
Insect or disease	9.5	260.0	287.0		556.5	
Weather event		12.0	77.0		89.0	
Failure	151.0	496.0	259.0	52.0	958.0	
Other	11,741.0	1,180.0	804.0	432.0	14,157.0	
<b>4. Current Reforestation Needs:</b>	<b>52,953.4</b>	<b>63,346.0</b>	<b>19,794.8</b>	<b>17,323.0</b>	<b>153,417.2</b>	
<b>Missing Causal Agent*</b>						

**Line 1.** Reforestation Needs At End Of FY 2008 displays the final Year-End Accomplishment Acres as reported to the WO and recorded in FACTS Table: FACTS06\_NEEDS\_BY\_STATE. [Information only, not used in line 4,"Current Reforestation Needs" calculation.]

**Line 2.** Reforestation Treatments in FY 2009 displays **Accomplished Acres** to date or for the full FY when the report is run after the FY ends. [Information only, not used in line 4,"Current Reforestation Needs" calculation.]

**Line 3.** Reforestation Needs by Causal Agent displays the acres of **planned**, not accomplished, reforestation activities to date, or September 30 of the current fiscal year, for the yearend reports. Planned reforestation activity acres are reported as the Reforestation Needs and are displayed by the causal agent associated with each planned reforestation activity.

When causal agent with the planned reforestation activity is "harvest", the planned acres of the reforestation activity are included only if the most recent harvest has been completed. Planned harvest activities that are after the reforestation activity planned date are not considered. All date comparisons are based on fiscal year, not on a date (day/month/year).

**Line 4.** Current Reforestation Needs is the sum of the Reforestation Needs by Causal Agent (lines 3).

A Reforestation Activity that has a Causal Agent of **HARVEST** counts as a Reforestation Need (as of the Report Year {FY}) if the most recent Harvest Activity with the same ORG & FACTS\_ID is Completed. Most Recent is defined as the Report Year {FY} and earlier.

- All date comparisons are based on Fiscal Year and not on a date (day/month/year).
- Using the "Most Recent = Report Year {FY} and earlier" criteria means that if a Completed harvest from a previous rotation is still on the books, it won't interfere with a check of the current harvest's "Completeness". It also means that when the Needs report is run in one FY for a previous FY Report Year (as is often the case at year-end reporting) then a harvest completed in 2010 would not cause a reforestation in 2009 to be counted as a need.
- No check is made to ensure that the number of years between the Harvest Completed FY and the Reforestation Activity Planned FY is a reasonable number.
- Harvest Activity is defined as ACTIVITY\_CODE between 4101 and 4249.

Cubic Foot Productivity class refers to the amount of wood produced in cubic feet per acre per year in a natural unmanaged stand.

Activities included in this Report have the FACTS Fields: TRACS\_SILVA = 'Y' and EXCLUDE\_ACCOMPLISHMENT = 'N'

All Land Suitability Classes are included.

Only Activities with Ownership = FS are included.

Note: the Total Acres column does not include any acres shown in the Missing Prod Class Column.

The Current Reforestation Needs line does not include any acres from the Missing Causal Agent line.

**\* Missing Causal Agent** - Acres for any Reforestation Activities that have *Causal Agent Code* other than Harvest, Fire, Insect or disease, Weather event, Failure, or Other will be included in the Missing Line. This error must be corrected before the report results can be accepted for year-end Accomplishment Reporting. Acres with Missing Causal Agent Code are not included in the totals line: 4. Current Reforestation Needs

**\* Missing Prod** - Acres for any Reforestation Activities that have *Productivity Code* other than 1-7 (that includes Zero, 8, 9, and any other character like a blank or null value) will be included in the Missing Column. This error must be corrected before the report results can be accepted for year-end Accomplishment Reporting. Acres with Missing Productivity Code are not included in the Totals column: TOTAL ACRES

Reforestation Treatments - Line 2:	Harvest Codes are: (All between 4101 and 4249)
4382 Certification of Natural regeneration without site prep	4101 Coppice cut (EA/RN/FH)
4411 Full seeding/reseeding without concurrent site preparation	4102 Coppice cut (w/res) (EA/RN/FH)
4412 Fill-in seeding/reseeding without concurrent site preparation	4110 Clearcutting
4421 Full seeding/reseeding concurrent with site prep	4111 Patch clearcutting (EA/RN/FH)
4422 Fill-In seeding/reseeding concurrent with site prep	4112 Strip clearcutting (EA/RH/FH)
4431 Full planting without concurrent site preparation	4113 Stand Clearcutting(EA/RH/FH)
4432 Fill-in planting without concurrent site preparation	4114 Stand clearcutting - Salvage Mortality
4433 Full re-planting without concurrent site preparation	4115 Patch clearcutting (w/res) (EA/RH/FH)
4434 Fill-in re-planting without concurrent site preparation	4116 Strip clearcutting (w/res) (EA/RH/FH)
4441 Full planting concurrent with site prep	4117 Stand clearcutting (w/res) (EA/RH/FH)
	4120 Preparation Cut
	4121 Shelterwood preparation cut (EA/NRH/NFH)
	4122 Seed-tree preparatory cut
	4123 Shelterwood seed cut (w/res) (EA/NR/FH)
	4131 Shelterwood cut (EA/RN/NFH)

- 4442 Fill-in planting concurrent with site prep
- 4443 Full re-planting with site preparation
- 4444 Fill-in re-planting with site preparation
- 4490 Site preparation for natural regeneration
- 4491 Burning site preparation for natural regeneration
- 4492 Chemical site preparation for natural regeneration
- 4493 Other site preparation for natural regeneration
- 4494 Mechanical site preparation for natural regeneration
- 4495 Manual Site Preparation for natural regeneration

**Productivity Classes:**

- 0 None (water or non-forested)
- 1 225 or more cubic feet per acre per year
- 2 165-224 cubic feet per acre per year
- 3 120-164 cubic feet per acre per year
- 4 85-119 cubic feet per acre per year
- 5 50-84 cubic feet per acre per year
- 6 20-49 cubic feet per acre per year
- 7 Less than 20 cubic feet per acre per year
- 9 Unknown

- 4132 Seed-tree seed cut (EA/RN/NFH)
- 4133 Shelterwood cut (w/res) (EA/RN/NFH)
- 4134 Seed-tree cut (w/res) (EA/RN/NFH)
- 4140 Removal cut
- 4141 Shelterwood final removal cut (EA/NRN/FH)
- 4142 Seed-tree final removal cut (EA/NRN/FH)
- 4143 Overstory removal cut (from advanced regeneration) (EA/RN/F)
- 4144 Final Overstory Removal Cut (EA/NRN/FH)
- 4145 Final overstory removal cut with reserve trees (EA/NRN/FH)
- 4146 Seed-tree final removal cut (w/res) (EA/NRN/FH)
- 4147 Overstory removal cut (w/res) (EA/RN/FH)
- 4148 Shelterwood Removal Cut (EA/NRN/NFH)
- 4150 Selection cut
- 4151 Single-tree selection cut (UA/RN/NFH)
- 4152 Group selection cut (UA/RN/FH)
- 4154 Single-tree selection cut (UA/NRN/NFH)
- 4160 Partial removal
- 4162 Coppice cut (w/res) (2A/RN/FH)
- 4175 Patch clearcutting (w/res) (2A/RH/FH)
- 4176 Strip clearcutting (w/res) (2A/RH/FH)
- 4177 Stand clearcutting (w/res) (2A/RH/FH)
- 4183 Seed-tree cut (w/res) (2A/RN/NFH)
- 4186 Seed-tree final removal cut (w/res) (2A/NRN/FH)

	4192 Shelterwood preparatory cut (w/res) (2A/NRN/NFH)
	4194 Shelterwood seed cut (w/res) (2A/RN/NFH)
	4195 Shelterwood Removal Cut (w/res) (2A/NRN/NFH)
	4196 Shelterwood Final Removal Cut (w/res) (2A/NRN/FH)
	4200 Intermediate harvest methods
	4210 Improvement Cut
	4211 Liberation Cut
	4220 Commercial Thinning
	4230 Sanitation (salvage)
	4231 Salvage cut (intermediate treatment, not regeneration)
	4232 Sanitation Cut
	4233 Cull
	4240 Special Cut
	4241 Special Products Removal

Elapsed Time= 9.6 minutes for this report.

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## Timber Stand Improvement (TSI) Needs Beginning FY 2010

# FACTS Web Reports

## Reforestation & TSI Report

**Region: 01 - Northern , Admin Forest: ALL - ALL , District: ALL - ALL**

### ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

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Date Of Report: November 2, 2009, 9:22 am EST

List of TSI Needs for Start of FY 2009 by Region, Forest, Productivity Class  
from FACTS Table: FACTS06\_NEEDS\_BY\_STATE:

Counter	Region	Forest	TSI	Prod 0-49	Prod 50-84	Prod 85-119	Prod 120+	Prod None	Total
1	01	02	Release	143	225	0	0	0	368
1	01	02	PreCom Thin	21625	12012	1296	116	0	35049
1	01	02	Prune	0	0	0	0	0	0
1	01	02	Fert	0	0	0	0	0	0
1	01	02	<b>Total</b>	21768	12237	1296	116	0	35417
2	01	03	Release	81	655	453	0	0	1189
2	01	03	PreCom Thin	1849	4811	2543	543	0	9746
2	01	03	Prune	0	0	0	0	0	0
2	01	03	Fert	0	0	0	0	0	0
2	01	03	<b>Total</b>	1930	5466	2996	543	0	10935
3	01	04	Release	894	536	1997	1162	0	4589
3	01	04	PreCom Thin	4635	9732	68786	32644	0	115797
3	01	04	Prune	990	3233	23535	19605	0	47363
3	01	04	Fert	117	87	1284	1152	0	2640
3	01	04	<b>Total</b>	6636	13588	95602	54563	0	170389
4	01	05	Release	31	55	32	151	0	269

4	01	05	PreCom Thin	127	1299	966	1690	0	4082
4	01	05	Prune	66	332	104	403	0	905
4	01	05	Fert	0	0	0	0	0	0
4	01	05	<b>Total</b>	224	1686	1102	2244	0	5256
5	01	08	Release	1615	9	0	0	0	1624
5	01	08	PreCom Thin	1630	144	31	0	0	1805
5	01	08	Prune	0	0	0	0	0	0
5	01	08	Fert	0	0	0	0	0	0
5	01	08	<b>Total</b>	3245	153	31	0	0	3429
6	01	10	Release	0	7	29	0	0	36
6	01	10	PreCom Thin	1267	17294	17499	2301	0	38361
6	01	10	Prune	0	116	405	0	0	521
6	01	10	Fert	0	0	0	0	0	0
6	01	10	<b>Total</b>	1267	17417	17933	2301	0	38918
7	01	11	Release	0	169	0	0	0	169
7	01	11	PreCom Thin	337	6436	0	0	0	6773
7	01	11	Prune	0	0	0	0	0	0
7	01	11	Fert	0	0	0	0	0	0
7	01	11	<b>Total</b>	337	6605	0	0	0	6942
8	01	12	Release	36	0	0	0	0	36
8	01	12	PreCom Thin	779	479	252	68	0	1578
8	01	12	Prune	0	0	0	0	0	0
8	01	12	Fert	0	31	0	0	0	31
8	01	12	<b>Total</b>	815	510	252	68	0	1645
9	01	14	Release	0	22	288	14	0	324
9	01	14	PreCom Thin	249	47683	56667	724	0	105323
9	01	14	Prune	17	169	1451	244	0	1881
9	01	14	Fert	0	0	0	0	0	0
9	01	14	<b>Total</b>	266	47874	58406	982	0	107528
10	01	15	Release	20	5	0	0	0	25

10	01	15	PreCom Thin	1556	1545	663	6	0	3770
10	01	15	Prune	0	0	0	0	0	0
10	01	15	Fert	0	0	0	0	0	0
10	01	15	<b>Total</b>	1576	1550	663	6	0	3795
11	01	16	Release	0	78	107	16	0	201
11	01	16	PreCom Thin	2953	25335	17594	2158	0	48040
11	01	16	Prune	0	0	15	0	0	15
11	01	16	Fert	0	0	0	0	0	0
11	01	16	<b>Total</b>	2953	25413	17716	2174	0	48256
12	01	17	Release	0	0	289	108	0	397
12	01	17	PreCom Thin	730	633	2974	3395	0	7732
12	01	17	Prune	0	0	0	0	0	0
12	01	17	Fert	0	0	0	0	0	0
12	01	17	<b>Total</b>	730	633	3263	3503	0	8129

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**Total number of records processed = 17375 for Table 4**

**RUN DATE:** 2009-11-02 09:22:04

ANNUAL REFORESTATION AND TIMBER STAND IMPROVEMENT REPORT

**TABLE 4 - TSI NEEDS (BY FOREST)**

Region: **01 - Northern** , Forest: **ALL - ALL** , District: **ALL - ALL**  
ACRES BY CUBIC FOOT PRODUCTIVITY CLASS  
**TSI Treatments Accomplished in FY 2009**  
**TSI Needs as of FY 2009**

*Note: The Needs Reports (Tables 1-4) from this website are the "Official" reports for year-end accomplishment reporting for FY 2008. They supersede the Tables 1-4 Reports in the CDW.*

*Last date to enter data for FY 2009 is October 31, 2009.*

**Based on New Needs Protocol**

**Forest: 02 Beaverhead/Deerlodge**

Release	0-49	50-84	85-119	120+	Total	Missing
1. Release TSI Needs At End Of <b>2008</b>	143.0	225.0			368.0	
2. Release TSI Treatments in <b>2009</b>						
3. Release TSI Needs as of <b>Today</b>	127.0	204.0			331.0	
PreCom Thin	0-49	50-84	85-119	120+	Total	Missing
1. PreCom Thin TSI Needs At End Of <b>2008</b>	21,625.0	12,012.0	1,296.0	116.0	35,049.0	
2. PreCom Thin TSI Treatments in <b>2009</b>						
3. PreCom Thin TSI Needs as of <b>Today</b>	23,127.0	13,009.0	1,322.0	85.0	37,543.0	
Prune	0-49	50-84	85-119	120+	Total	Missing
1. Prune TSI Needs At End Of <b>2008</b>						
2. Prune TSI Treatments in <b>2009</b>						
3. Prune TSI Needs as of <b>Today</b>						

<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
<b>Total: 02 Beaverhead/Deerlodge</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	21,768.0	12,237.0	1,296.0	116.0	35,417.0	
2. Total: TSI Treatments in <b>2009</b>						
3. Total: TSI Needs as of <b>Today</b>	23,254.0	13,213.0	1,322.0	85.0	37,874.0	

**Forest: 03 Bitterroot N.F.**

<b>Release</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Release TSI Needs At End Of <b>2008</b>	81.0	655.0	453.0		1,189.0	
2. Release TSI Treatments in <b>2009</b>						
3. Release TSI Needs as of <b>Today</b>	78.0	513.0	277.0	9.0	877.0	
<b>PreCom Thin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. PreCom Thin TSI Needs At End Of <b>2008</b>	1,849.0	4,811.0	2,543.0	543.0	9,746.0	
2. PreCom Thin TSI Treatments in <b>2009</b>		1,530.0	180.0		1,710.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	2,640.0	9,122.2	3,144.0	2,057.0	16,963.2	
<b>Prune</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Prune TSI Needs At End Of <b>2008</b>						
2. Prune TSI Treatments in <b>2009</b>						
3. Prune TSI Needs as of <b>Today</b>						
<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
<b>Total: 03 Bitterroot N.F.</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	1,930.0	5,466.0	2,996.0	543.0	10,935.0	
2. Total: TSI Treatments in <b>2009</b>		1,530.0	180.0		1,710.0	
3. Total: TSI Needs as of <b>Today</b>	2,718.0	9,635.2	3,421.0	2,066.0	17,840.2	

## Forest: 04 Idaho Panhandle

<b>Release</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Release TSI Needs At End Of <b>2008</b>	894.0	536.0	1,997.0	1,162.0	4,589.0	
2. Release TSI Treatments in <b>2009</b>			19.0		19.0	
3. Release TSI Needs as of <b>Today</b>	779.0	467.0	2,006.0	748.0	4,000.0	
<b>PreCom Thin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. PreCom Thin TSI Needs At End Of <b>2008</b>	4,635.0	9,732.0	68,786.0	32,644.0	115,797.0	
2. PreCom Thin TSI Treatments in <b>2009</b>	180.0	380.0	1,020.0	758.0	2,338.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	3,467.0	12,227.0	72,190.0	14,687.0	102,571.0	
<b>Prune</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Prune TSI Needs At End Of <b>2008</b>	990.0	3,233.0	23,535.0	19,605.0	47,363.0	
2. Prune TSI Treatments in <b>2009</b>	376.0	12.0	1,057.0	765.0	2,210.0	
3. Prune TSI Needs as of <b>Today</b>	1,682.0	2,787.0	19,580.0	11,619.0	35,668.0	
<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>	117.0	87.0	1,284.0	1,152.0	2,640.0	
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>		75.0	502.0	471.0	1,048.0	
<b>Total: 04 Idaho Panhandle</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	6,636.0	13,588.0	95,602.0	54,563.0	170,389.0	
2. Total: TSI Treatments in <b>2009</b>	556.0	392.0	2,096.0	1,523.0	4,567.0	
3. Total: TSI Needs as of <b>Today</b>	5,928.0	15,556.0	94,278.0	27,525.0	143,287.0	

## Forest: 05 Clearwater

<b>Release</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Release TSI Needs At End Of <b>2008</b>	31.0	55.0	32.0	151.0	269.0	
2. Release TSI Treatments in <b>2009</b>						
3. Release TSI Needs as of <b>Today</b>				169.0	169.0	
<b>PreCom Thin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. PreCom Thin TSI Needs At End Of <b>2008</b>	127.0	1,299.0	966.0	1,690.0	4,082.0	
2. PreCom Thin TSI Treatments in <b>2009</b>		43.0	14.0	459.0	516.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	363.0	594.0	1,124.0	3,276.0	5,357.0	
<b>Prune</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Prune TSI Needs At End Of <b>2008</b>	66.0	332.0	104.0	403.0	905.0	
2. Prune TSI Treatments in <b>2009</b>		95.0	167.0	1,489.0	1,751.0	
3. Prune TSI Needs as of <b>Today</b>	117.0	43.0	413.0	1,509.0	2,082.0	
<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
<b>Total: 05 Clearwater</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	224.0	1,686.0	1,102.0	2,244.0	5,256.0	
2. Total: TSI Treatments in <b>2009</b>		138.0	181.0	1,948.0	2,267.0	
3. Total: TSI Needs as of <b>Today</b>	480.0	637.0	1,537.0	4,954.0	7,608.0	

## Forest: 08 Custer

<b>Release</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Release TSI Needs At End Of <b>2008</b>	1,615.0	9.0			1,624.0	
2. Release TSI Treatments in <b>2009</b>	1,256.5	9.0			1,265.5	
3. Release TSI Needs as of <b>Today</b>	3,722.8	417.0			4,139.8	
<b>PreCom Thin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. PreCom Thin TSI Needs At End Of <b>2008</b>	1,630.0	144.0	31.0		1,805.0	
2. PreCom Thin TSI Treatments in <b>2009</b>	1,199.0				1,199.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	1,974.6	153.0	31.0		2,158.6	
<b>Prune</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Prune TSI Needs At End Of <b>2008</b>						
2. Prune TSI Treatments in <b>2009</b>						
3. Prune TSI Needs as of <b>Today</b>						
<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
<b>Total: 08 Custer</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	3,245.0	153.0	31.0		3,429.0	
2. Total: TSI Treatments in <b>2009</b>	2,455.5	9.0			2,464.5	
3. Total: TSI Needs as of <b>Today</b>	5,697.4	570.0	31.0		6,298.4	

## Forest: 10 Flathead

Release	0-49	50-84	85-119	120+	Total	Missing
1. Release TSI Needs At End Of <b>2008</b>		7.0	29.0		36.0	
2. Release TSI Treatments in <b>2009</b>						
3. Release TSI Needs as of <b>Today</b>		42.0	122.0		164.0	
PreCom Thin	0-49	50-84	85-119	120+	Total	Missing
1. PreCom Thin TSI Needs At End Of <b>2008</b>	1,267.0	17,294.0	17,499.0	2,301.0	38,361.0	
2. PreCom Thin TSI Treatments in <b>2009</b>	40.0	201.0	356.0	65.0	662.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	1,427.0	15,800.0	16,287.8	2,154.0	35,668.8	
Prune	0-49	50-84	85-119	120+	Total	Missing
1. Prune TSI Needs At End Of <b>2008</b>		116.0	405.0		521.0	
2. Prune TSI Treatments in <b>2009</b>			100.0		100.0	
3. Prune TSI Needs as of <b>Today</b>		153.0	388.0		541.0	
Fert	0-49	50-84	85-119	120+	Total	Missing
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
Total: 10 Flathead	0-49	50-84	85-119	120+	Total	Missing
1. Total: TSI Needs At End Of <b>2008</b>	1,267.0	17,417.0	17,933.0	2,301.0	38,918.0	
2. Total: TSI Treatments in <b>2009</b>	40.0	201.0	456.0	65.0	762.0	
3. Total: TSI Needs as of <b>Today</b>	1,427.0	15,995.0	16,797.8	2,154.0	36,373.8	

## Forest: 11 Gallatin

<b>Release</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Release TSI Needs At End Of <b>2008</b>		169.0			169.0	
2. Release TSI Treatments in <b>2009</b>						
3. Release TSI Needs as of <b>Today</b>	26.0	284.0			310.0	
<b>PreCom Thin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. PreCom Thin TSI Needs At End Of <b>2008</b>	337.0	6,436.0			6,773.0	
2. PreCom Thin TSI Treatments in <b>2009</b>	297.0	11.0			308.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	651.0	6,253.0			6,904.0	
<b>Prune</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Prune TSI Needs At End Of <b>2008</b>						
2. Prune TSI Treatments in <b>2009</b>						
3. Prune TSI Needs as of <b>Today</b>						
<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
<b>Total: 11 Gallatin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	337.0	6,605.0			6,942.0	
2. Total: TSI Treatments in <b>2009</b>	297.0	11.0			308.0	
3. Total: TSI Needs as of <b>Today</b>	677.0	6,537.0			7,214.0	

## Forest: 12 Helena

<b>Release</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Release TSI Needs At End Of <b>2008</b>	36.0				36.0	
2. Release TSI Treatments in <b>2009</b>						
3. Release TSI Needs as of <b>Today</b>	4.0				4.0	
<b>PreCom Thin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. PreCom Thin TSI Needs At End Of <b>2008</b>	779.0	479.0	252.0	68.0	1,578.0	
2. PreCom Thin TSI Treatments in <b>2009</b>		13.0			13.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	321.0	819.0	34.0	68.0	1,242.0	
<b>Prune</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Prune TSI Needs At End Of <b>2008</b>						
2. Prune TSI Treatments in <b>2009</b>						
3. Prune TSI Needs as of <b>Today</b>						
<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>		31.0			31.0	
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
<b>Total: 12 Helena</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	815.0	510.0	252.0	68.0	1,645.0	
2. Total: TSI Treatments in <b>2009</b>		13.0			13.0	
3. Total: TSI Needs as of <b>Today</b>	325.0	819.0	34.0	68.0	1,246.0	

## Forest: 14 Kootenai

Release	0-49	50-84	85-119	120+	Total	Missing
1. Release TSI Needs At End Of <b>2008</b>		22.0	288.0	14.0	324.0	
2. Release TSI Treatments in <b>2009</b>		11.0			11.0	
3. Release TSI Needs as of <b>Today</b>		68.0	147.0	15.0	230.0	
PreCom Thin	0-49	50-84	85-119	120+	Total	Missing
1. PreCom Thin TSI Needs At End Of <b>2008</b>	249.0	47,683.0	56,667.0	724.0	105,323.0	
2. PreCom Thin TSI Treatments in <b>2009</b>	54.0	973.0	1,050.4	121.7	2,199.1	
3. PreCom Thin TSI Needs as of <b>Today</b>	433.0	42,936.0	44,238.1	1,020.0	88,627.1	
Prune	0-49	50-84	85-119	120+	Total	Missing
1. Prune TSI Needs At End Of <b>2008</b>	17.0	169.0	1,451.0	244.0	1,881.0	
2. Prune TSI Treatments in <b>2009</b>		400.0	784.5	121.0	1,305.5	
3. Prune TSI Needs as of <b>Today</b>	53.0	516.8	2,820.3	347.0	3,737.1	
Fert	0-49	50-84	85-119	120+	Total	Missing
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
Total: 14 Kootenai	0-49	50-84	85-119	120+	Total	Missing
1. Total: TSI Needs At End Of <b>2008</b>	266.0	47,874.0	58,406.0	982.0	107,528.0	
2. Total: TSI Treatments in <b>2009</b>	54.0	1,384.0	1,834.9	242.7	3,515.6	
3. Total: TSI Needs as of <b>Today</b>	486.0	43,520.8	47,205.4	1,382.0	92,594.2	

## Forest: 15 Lewis And Clark

<b>Release</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Release TSI Needs At End Of <b>2008</b>	20.0	5.0			25.0	
2. Release TSI Treatments in <b>2009</b>						
3. Release TSI Needs as of <b>Today</b>	20.0				20.0	
<b>PreCom Thin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. PreCom Thin TSI Needs At End Of <b>2008</b>	1,556.0	1,545.0	663.0	6.0	3,770.0	
2. PreCom Thin TSI Treatments in <b>2009</b>		5.0			5.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	853.0	1,007.0	474.0	6.0	2,340.0	
<b>Prune</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Prune TSI Needs At End Of <b>2008</b>						
2. Prune TSI Treatments in <b>2009</b>						
3. Prune TSI Needs as of <b>Today</b>						
<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
<b>Total: 15 Lewis And Clark</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	1,576.0	1,550.0	663.0	6.0	3,795.0	
2. Total: TSI Treatments in <b>2009</b>		5.0			5.0	
3. Total: TSI Needs as of <b>Today</b>	873.0	1,007.0	474.0	6.0	2,360.0	

## Forest: 16 Lolo

Release	0-49	50-84	85-119	120+	Total	Missing
1. Release TSI Needs At End Of <b>2008</b>		78.0	107.0	16.0	201.0	
2. Release TSI Treatments in <b>2009</b>						
3. Release TSI Needs as of <b>Today</b>	42.0	126.0		5.0	173.0	
PreCom Thin	0-49	50-84	85-119	120+	Total	Missing
1. PreCom Thin TSI Needs At End Of <b>2008</b>	2,953.0	25,335.0	17,594.0	2,158.0	48,040.0	
2. PreCom Thin TSI Treatments in <b>2009</b>	273.0	2,236.0	271.0		2,780.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	2,318.0	23,996.0	11,246.0	2,145.0	39,705.0	
Prune	0-49	50-84	85-119	120+	Total	Missing
1. Prune TSI Needs At End Of <b>2008</b>			15.0		15.0	
2. Prune TSI Treatments in <b>2009</b>			20.0	30.0	50.0	
3. Prune TSI Needs as of <b>Today</b>			7.0		7.0	
Fert	0-49	50-84	85-119	120+	Total	Missing
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
Total: 16 Lolo	0-49	50-84	85-119	120+	Total	Missing
1. Total: TSI Needs At End Of <b>2008</b>	2,953.0	25,413.0	17,716.0	2,174.0	48,256.0	
2. Total: TSI Treatments in <b>2009</b>	273.0	2,236.0	291.0	30.0	2,830.0	
3. Total: TSI Needs as of <b>Today</b>	2,360.0	24,122.0	11,253.0	2,150.0	39,885.0	

## Forest: 17 Nez Perce

<b>Release</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Release TSI Needs At End Of <b>2008</b>			289.0	108.0	397.0	
2. Release TSI Treatments in <b>2009</b>			216.0		216.0	
3. Release TSI Needs as of <b>Today</b>			365.0	155.0	520.0	
<b>PreCom Thin</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. PreCom Thin TSI Needs At End Of <b>2008</b>	730.0	633.0	2,974.0	3,395.0	7,732.0	
2. PreCom Thin TSI Treatments in <b>2009</b>			101.0	176.0	277.0	
3. PreCom Thin TSI Needs as of <b>Today</b>	105.0	827.0	4,494.0	4,446.0	9,872.0	
<b>Prune</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Prune TSI Needs At End Of <b>2008</b>						
2. Prune TSI Treatments in <b>2009</b>						
3. Prune TSI Needs as of <b>Today</b>						
<b>Fert</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Fert TSI Needs At End Of <b>2008</b>						
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>						
<b>Total: 17 Nez Perce</b>	<b>0-49</b>	<b>50-84</b>	<b>85-119</b>	<b>120+</b>	<b>Total</b>	<b>Missing</b>
1. Total: TSI Needs At End Of <b>2008</b>	730.0	633.0	3,263.0	3,503.0	8,129.0	
2. Total: TSI Treatments in <b>2009</b>			317.0	176.0	493.0	
3. Total: TSI Needs as of <b>Today</b>	105.0	827.0	4,859.0	4,601.0	10,392.0	

## Grand Total

Release	0-49	50-84	85-119	120+	Total	Missing
1. Release TSI Needs At End Of <b>2008</b>	2,820.0	1,761.0	3,195.0	1,451.0	9,227.0	
2. Release TSI Treatments in <b>2009</b>	1,256.5	20.0	235.0		1,511.5	
3. Release TSI Needs as of <b>Today</b>	4,798.8	2,121.0	2,917.0	1,101.0	10,937.8	
PreCom Thin	0-49	50-84	85-119	120+	Total	Missing
1. PreCom Thin TSI Needs At End Of <b>2008</b>	37,737.0	127,403.0	169,271.0	43,645.0	378,056.0	
2. PreCom Thin TSI Treatments in <b>2009</b>	2,043.0	5,392.0	2,992.4	1,579.7	12,007.1	
3. PreCom Thin TSI Needs as of <b>Today</b>	37,679.6	126,743.2	154,584.9	29,944.0	348,951.7	
Prune	0-49	50-84	85-119	120+	Total	Missing
1. Prune TSI Needs At End Of <b>2008</b>	1,073.0	3,850.0	25,510.0	20,252.0	50,685.0	
2. Prune TSI Treatments in <b>2009</b>	376.0	507.0	2,128.5	2,405.0	5,416.5	
3. Prune TSI Needs as of <b>Today</b>	1,852.0	3,499.8	23,208.3	13,475.0	42,035.1	
Fert	0-49	50-84	85-119	120+	Total	Missing
1. Fert TSI Needs At End Of <b>2008</b>	117.0	118.0	1,284.0	1,152.0	2,671.0	
2. Fert TSI Treatments in <b>2009</b>						
3. Fert TSI Needs as of <b>Today</b>		75.0	502.0	471.0	1,048.0	
Total: 17 Nez Perce	0-49	50-84	85-119	120+	Total	Missing
1. Total: TSI Needs At End Of <b>2008</b>	41,747.0	133,132.0	199,260.0	66,500.0	440,639.0	
2. Total: TSI Treatments in <b>2009</b>	3,675.5	5,919.0	5,355.9	3,984.7	18,935.1	
3. Total: TSI Needs as of <b>Today</b>	44,330.4	132,439.0	181,212.2	44,991.0	402,972.6	

**Line 1.** TSI Needs At End Of FY 2008 displays the final Year-End Accomplishment Acres as reported to the WO and recorded in FACTS Table: FACTS06\_NEEDS\_BY\_STATE.

**Line 2.** TSI Treatments in FY 2009 displays **Accomplished Acres** to date or for the full FY when the report is run after the FY ends.

**Line 3.** TSI Needs as of **Today** displays **Planned Acres** for Planned but UnAccomplished Reforestation Activities in FY 2009 and earlier and also for Reforestation Activities Accomplished after 2009.

The acres shown in this line do not carry over any acres from lines 1 & 2 (as was done in previous Needs Reports that use the Old needs reporting protocol). Acres are reported "to date" or for the full FY when the report is run after the FY ends.

Causal Agent Codes which apply to Reforestation Activities are not applicable to TSI Activities.

Cubic Foot Productivity class refers to the amount of wood produced in cubic feet per acre per year in a natural unmanaged stand.

Activities included in this Report have the FACTS Fields: TRACS\_SILVA = 'Y' and EXCLUDE\_ACCOMPLISHMENT = 'N'

All Land Suitability Classes are included.

Only Activities with Ownership = FS are included.

Note: the Total Acres column does not include any acres shown in the Missing Prod Class Column.

**\* Missing - Acres for any TSI Activities that have *Productivity Code* other than 1-7 (that includes Zero, 8, 9, and any other character like a blank or null value) will be included in the Missing Column. This error must be corrected before the report results can be accepted for year-end Accomplishment Reporting. Acres with Missing Productivity Codes are not included in the Totals Column.**

**FACTS Activity Codes Included In This Report:**

<b>Release:</b>  4511 Individual tree release and weeding 4512 Area release and weeding	<b>Thinning:</b>  4521 Precommercial thinning - individual or selected trees 4522 Precommercial thinning - strip
<b>Pruning:</b>  4530 Pruning	<b>Fertilization:</b>  4550 Fertilizing 4551 Fertilizing individual trees 4552 Area fertilizing

**Productivity Classes:**

- 0 None (water or non-forested)
  - 1 225 or more cubic feet per acre per year
  - 2 165-224 cubic feet per acre per year
  - 3 120-164 cubic feet per acre per year
  - 4 85-119 cubic feet per acre per year
  - 5 50-84 cubic feet per acre per year
  - 6 20-49 cubic feet per acre per year
  - 7 Less than 20 cubic feet per acre per year
  - 9 Unknown
- 

Elapsed Time= 9.3 minutes for this report.

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